Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 18 Jul 2023 until 23:59 on Wednesday 19 Jul 2023

Forecast Issued on Monday 17 Jul 2023 at 15:17

Confidence: High confidence for relatively cool and unsettled period, but slight uncertainty regarding timing and position of rain on Tuesday and Saturday.

Headline for Tuesday 18 Jul 2023: Rain spreading in during the morning, turning heavy at times.

Mountain weather hazards on Tuesday 18 Jul 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Partly cloudy (night)	Cloudy	Light rain	Light rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
00%	<05%	20%	70%	80%	90%	80%	80%

Forecast for Tuesday 18 Jul 2023

Weather: A dry start, but cloud increasing from the west towards dawn with intermittent rain spreading east through the morning. Rain turning heavier and more persistent through the afternoon and evening.

Chance of cloud-free hill tops above 600m: 90-100% lowering to 30-40% from mid-morning.

Low Cloud and visibility: Good becoming moderate to poor in rain, with extensive cloud occasionally lowering to 400-500m.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 18 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/16 SW	9/14 SW	9/13 S	10/14 S	12/17 SW	12/17 S	10/15 S	10/14 S	8/12 W
300	3/11 SW	2/8 S	4/8 S	6/11 S	8/15 S	7/14 S	6/12 S	5/12 S	4/10 W
Valley	1/7 E	2/8 SE	3/11 SE	6/13 SW	6/13 S	4/11 S	5/11 SE	5/9 SE	4/10 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/8	10/8	10/8	10/8	10/7	10/8	10/8	10/9
300	10/10	11/10	12/11	12/11	13/11	12/11	12/11	12/11	12/12
Valley	11/11	12/12	13/13	13/12	14/13	13/13	14/13	13/13	13/13
Freezing Level*	2100m	2100m	2200m	2300m	2300m	2300m	2500m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 16 Jul 2023	31.2mm	42.2mm	42.4mm

Forecast for Wednesday 19 Jul 2023

Weather: Cloud and patchy rain clearing eastwards through the early morning. The rest of the day will see a mix of bright or sunny spells and scattered showers. Showers gradually dying away through the evening.

Maximum wind: North/Northwesterly 15-20mph gusting 25-30mph.

Chance of cloud-free hill tops above 600m: 20-30% increasing to 90% by late morning.

Low Cloud and visibility: Visibility moderate to poor at first with widespread cloud above 400-500m and patches down to 300m. This clearing through the early morning to leave generally good or very good conditions.

Temperature: **Valleys:** 10 deg C becoming 19 deg C
At 600m: 10-12 deg C
Freezing level: Above summits

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